



FIG. 1

2/3

202  
DETERMINE STATUS OF NETWORK CONNECTION ON  
PHYSICAL DATA LINK BETWEEN HOME NETWORK  
DEVICE AND A NETWORK

204  
200  
GENERATE A VISUAL INDICATOR AT THE HOME  
NETWORK DEVICE INDICATIVE OF THE STATUS  
OF THE NETWORK CONNECTION

FIG. 2

402  
SEND ECHO REQUEST OVER NETWORK CONNECTION  
FROM HOME NETWORK DEVICE TO PRIMARY HOST

404  
ECHO REPLY?  
YES  
NO

408  
SEND ECHO REQUEST OVER NETWORK CONNECTION  
FROM HOME NETWORK DEVICE TO SECONDARY HOST

410  
ECHO REPLY?  
YES  
NO

406  
GENERATE VISUAL INDICATION OF IN-SERVICE  
NETWORK CONNECTIVITY

412  
GENERATE VISUAL INDICATION OF  
OUT-OF-SERVICE NETWORK CONNECTIVITY

400

FIG. 4

502  
MONITOR DATA TRAFFIC BETWEEN HOME  
NETWORK DEVICE AND A NETWORK

504  
DATA TRAFFIC PRESENT?  
YES  
NO

506  
GENERATE VISUAL INDICATION OF IN-SERVICE  
NETWORK CONNECTIVITY

508  
EXECUTE PROCESS 400

500

FIG. 5

